IN THE CLAIMS

1-37. (canceled).

38. (currently amended) A display device comprising:

a semi-transparent reflective layer;

a first electrode of a light reflecting material;

a second electrode of a transparent material; and

an organic layer including a light emitting layer interposed between the first electrode and the second electrode,

wherein,

a cavity portion comprises one of a gap between an interface between the first electrode and said organic layer and an interface between the organic layer and said semi-transparent reflective layer, a gap between an interface between the semi-transparent reflective layer and the second electrode and an upper edge interface of the second electrode, and a gap between an interface between the first electrode and said organic layer and said upper edge interface of the second electrode ~~is comprised of at least the light emitting layer or one of second electrodes~~,

wherein an optical path length L of said cavity portion has a positive minimum value in a range that satisfies the equation:

$(2L)/\lambda + \Phi/(2\pi) = m$ (m is an integer)

where Φ radians is the sum of phase change amounts to reflection of the light emitted from the light emitting layer at both interfaces bounding the gap ~~the phase shift produced in light generated in said light emitting layer reflecting off said second electrode~~ and λ is the peak wavelength of the spectrum extracted through said second electrode.

39. (currently amended) A display device comprising:

a semi-transparent reflective layer;

a first electrode of a light reflecting material;

a second electrode of a transparent material; and

an organic layer including a light emitting layer interposed between the first electrode and the second electrode,

wherein,

a cavity portion comprises one of a gap between an interface between the first electrode and said organic layer and an interface between the organic layer and said semi-transparent reflective layer, a gap between an interface between the semi-transparent reflective layer and the second electrode and an upper edge interface of the second electrode, and a gap between an interface between the first electrode and said organic layer and said upper edge interface of the second electrode ~~is comprised of at least the light emitting layer or one of second electrodes~~,

wherein an optical path length L' of said cavity portion satisfies the equation:

$(2L')/\lambda + \Phi/(2\pi) = m1 + 4$ (m is an integer)

where Φ radians is the sum of phase change amounts to reflection of the light emitted from the light emitting layer at both interfaces bounding the gap ~~the phase shift produced in light generated in said light emitting layer reflecting off said second electrode~~ and λ is the peak wavelength of the spectrum of green light extracted through said second electrode, and wherein an optical path length L of the cavity portion has a positive minimum value in a range that satisfies the equation below and m1 is the integer ~~by adding 4 to one of integers~~ m that satisfies the equation below:

$(2L)/\lambda + \Phi/(2\pi) = m$ (m is an integer).

40. (currently amended) A display device comprising:

a semi-transparent reflective layer;

a first electrode of a light reflecting material;

a second electrode of a transparent material; and

an organic layer including a light emitting layer interposed between the first electrode and the second electrode,

wherein,

a cavity portion comprises one of a gap between an interface between the first electrode and said organic layer and an interface between the organic layer and said semi-transparent

reflective layer, a gap between an interface between the semi-transparent reflective layer and the second electrode and an upper edge interface of the second electrode, and a gap between an interface between the first electrode and said organic layer and said upper edge interface of the second electrode ~~is comprised of at least the light emitting layer or one of second electrodes~~,

wherein an optical path length L' of said cavity portion satisfies the equation:

$(2L')/\lambda + \Phi/(2\pi) = m1 + q$ (m is an integer)

where Φ radians is the sum of phase change amounts to reflection of the light emitted from the light emitting layer at both interfaces bounding the gap ~~the phase shift produced in light generated in said light emitting layer reflecting off said second electrode~~ and λ is the peak wavelength of the spectrum of green light extracted through said second electrode, and wherein an optical path length L of said cavity portion has a positive minimum value in a range that satisfies the equation below and m1 is the integer ~~by adding 4 to one of integers~~ m that satisfies the equation below and q is the integer not smaller than 10:

$(2L)/\lambda + \Phi/(2\pi) = m$ (m is an integer).

41. (currently amended) A display device comprising:

a semi-transparent reflective layer;

a first electrode of a light reflecting material;

a second electrode of a transparent material; and

an organic layer including a light emitting layer interposed between the first electrode and the second electrode,

wherein,

a cavity portion comprises one of a gap between an interface between the first electrode and said organic layer and an interface between the organic layer and said semi-transparent reflective layer, a gap between an interface between the semi-transparent reflective layer and the second electrode and an upper edge interface of the second electrode, and a gap between an interface between the first electrode and said organic layer and said upper edge interface of the second electrode, ~~is comprised of at least the light emitting layer or one of second electrodes, and~~

a color filter is provided for transmitting light resonating in said cavity portion and extracted through said second electrode, and

reflectance of external light is limited to 30% or less.

42. (currently amended) A display device of claim 41,

wherein,

an optical path length L of said cavity portion has a positive minimum value in a range that satisfies the equation:

$(2L)/\lambda + \Phi/(2\pi) = m$ (m is an integer)

where Φ radians is the sum of phase change amounts to reflection of the light emitted from the light emitting layer at both interfaces bounding the gap ~~the phase shift produced in light generated in said light emitting layer reflecting off said second electrode~~ and λ is the peak wavelength of the spectrum extracted through said second electrode.

43. (currently amended) A display device of claim 41,

wherein,

an optical path length L' of said cavity portion satisfies the equation:

$(2L')/\lambda + \Phi/(2\pi) = m1 + 4$ (m is an integer)

where Φ radians is the sum of phase change amounts to reflection of the light emitted from the light emitting layer at both interfaces bounding the gap ~~the phase shift produced in light generated in said light emitting layer reflecting off said second electrode~~ and λ is the peak wavelength of the spectrum of green light extracted through said second electrode, and m1 is the integer ~~by adding 4 to one of integers~~ m that satisfies the equation:

$(2L)/\lambda + \Phi/(2\pi) = m$ (m is an integer).

44. (currently amended) A display device of claim 41,

wherein,

an optical path length L' of said cavity portion satisfies the equation:

$(2L')/\lambda + \Phi/(2\pi) = m1 + q$ (m is an integer)

where Φ radians is the sum of phase change amounts to reflection of the light emitted from the light emitting layer at both interfaces bounding the gap ~~the phase shift produced in light generated in said light emitting layer reflecting off said second electrode~~ and λ is the peak wavelength of the spectrum of green light extracted through said second electrode, and m1 is the integer by ~~adding 4 to one of integers~~ m that satisfies the equation and q is the integer not smaller than 10:

$(2L)/\lambda + \Phi/(2\pi) = m$ (m is an integer).

45. (currently amended) Any of claims 38-44, further comprising a substrate on which the first electrode, the light emitting layer, and the second electrode~~, and the light emitting layer~~ are sequentially stacked.

46. (canceled).

47. (canceled).

48. (canceled).

49. (currently amended) A display device, comprising:

a semi-transparent reflective layer;

a first electrode of a light reflective material;

a second electrode of a transparent material; and

an organic layer including a light emitting layer interposed between the first electrode and the second electrode,

wherein,

a cavity portion comprises a gap between an interface between the first electrode and said organic layer and an interface between the organic layer and said semi-transparent reflective layer, ~~is comprised of said light emitting layer for resonating light generated in said light emitting layer,~~ and an optical path length ~~L~~ of said cavity portion is limited to within one half of

the half-width of said emission spectrum when said optical path length is ~~determined such that~~ the difference between the peak wavelength of the spectrum of light emitted by the device upon ~~the~~ a change in ~~changing~~ view angle and the peak wavelength of the internal emission spectrum.

50. (previously presented) The display device of claim 49 having a color filter for transmitting light resonating in said cavity and extracted through said second electrode.

51. (new) A display device comprising:

a semi-transparent reflective layer;

a first electrode of a light reflecting material;

a second electrode of a transparent material;

a passivation film on said second electrode; and

an organic layer including a light emitting layer interposed between the first electrode and the second electrode,

wherein,

a cavity portion comprises a gap between an interface between the semi-transparent reflective layer and the second electrode and an upper edge interface of said passivation film,

wherein an optical path length L' of said cavity portion satisfies the equation:

$(2L')/\lambda + \Phi/(2\pi) = m1 + 4$ (m is an integer)

where Φ radians is the sum of phase change amounts to reflection of the light emitted from the light emitting layer at both interfaces bounding the gap and λ is the peak wavelength of the spectrum of green light extracted through said second electrode, and wherein an optical path length L of the cavity portion has a positive minimum value in a range that satisfies the equation below and m1 is the integer m that satisfies the equation below:

$(2L)/\lambda + \Phi/(2\pi) = m$ (m is an integer).

52. (new) A display device comprising:

a semi-transparent reflective layer;

a first electrode of a light reflecting material;

a second electrode of a transparent material;

a passivation film on said second electrode; and

an organic layer including a light emitting layer interposed between the first electrode and the second electrode,

wherein,

a cavity portion comprises a gap between an interface between the semi-transparent reflective layer and the second electrode and an upper edge interface of said passivation film,

wherein an optical path length L' of said cavity portion satisfies the equation:

$(2L')/\lambda + \Phi/(2\pi) = m1 + q$ (m is an integer)

where Φ radians is the sum of phase change amounts to reflection of the light emitted from the light emitting layer at both interfaces bounding the gap and λ is the peak wavelength of the spectrum of green light extracted through said second electrode, and wherein an optical path length L of said cavity portion has a positive minimum value in a range that satisfies the equation below and m1 is the integer m that satisfies the equation below and q is the integer not smaller than 10:

$(2L)/\lambda + \Phi/(2\pi) = m$ (m is an integer).